

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM090717\
 Data File : BM011461.D
 Acq On : 07 Sep 2017 19:04
 Operator : SJ/JU
 Sample : I5105-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 OK-02-090517

Quant Time: Sep 08 07:48:58 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM083117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 31 18:39:59 2017
 Response via : Initial Calibration

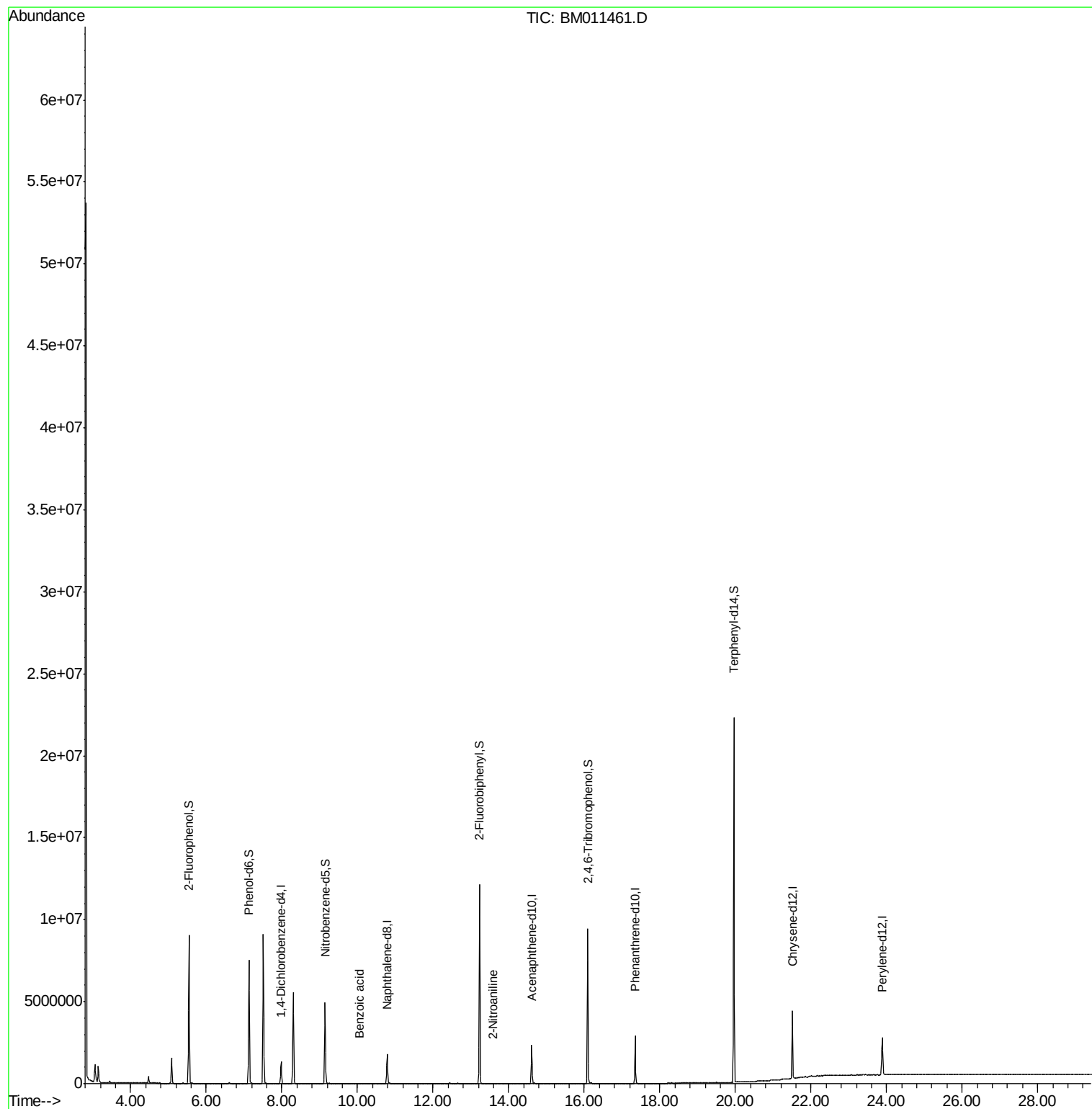
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.98	152	358865	20.00	ng	-0.01
21) Naphthalene-d8	10.79	136	1450935	20.00	ng	-0.02
38) Acenaphthene-d10	14.61	164	752843	20.00	ng	-0.02
63) Phenanthrene-d10	17.34	188	1632122	20.00	ng	-0.02
75) Chrysene-d12	21.51	240	1809875	20.00	ng	-0.02
86) Perylene-d12	23.89	264	1609372	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	3373681	158.24	ng	0.00
7) Phenol-d6	7.13	99	4013416	135.76	ng	0.00
23) Nitrobenzene-d5	9.15	82	2566255	116.55	ng	-0.01
41) 2,4,6-Tribromophenol	16.09	330	1317520	151.26	ng	-0.02
44) 2-Fluorobiphenyl	13.23	172	5741492	109.93	ng	-0.02
78) Terphenyl-d14	19.96	244	8121997	111.35	ng	-0.02
Target Compounds						
32) Benzoic acid	10.05	122	146	6.548	ng	# 65
47) 2-Nitroaniline	13.60	65	107	5.443	ng	# 1

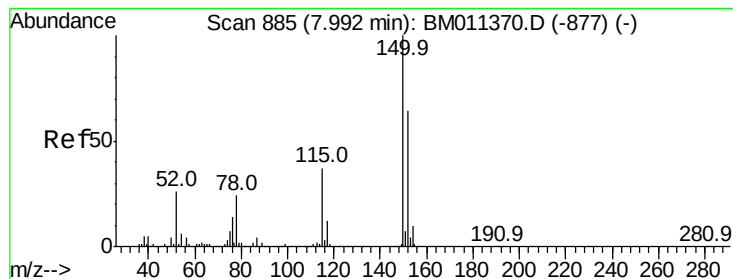
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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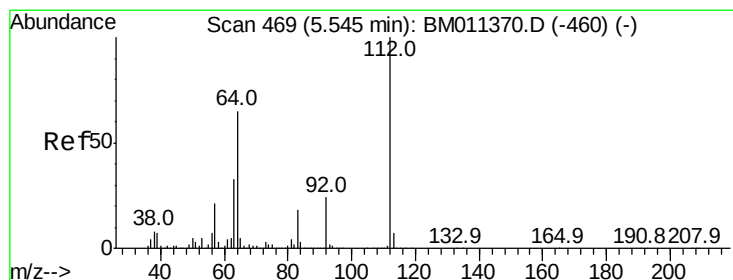
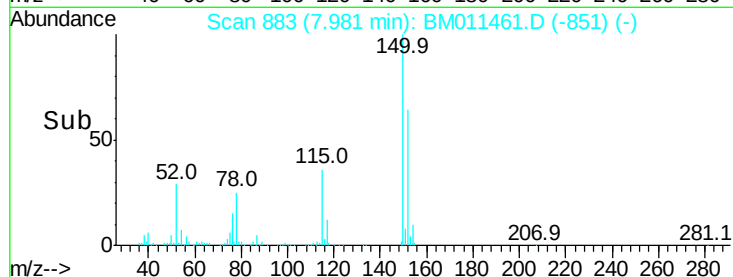
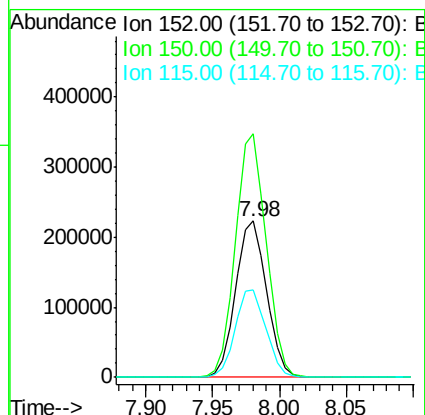
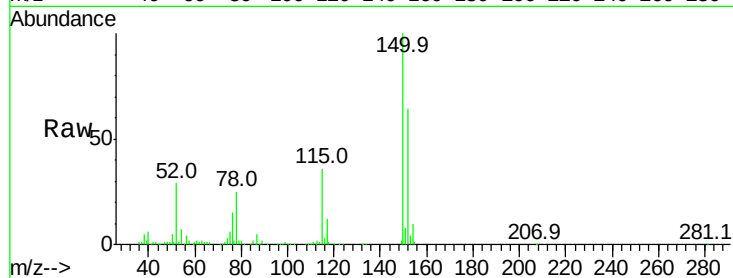


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.98 min Scan# 883
Delta R.T. -0.01 min
Lab File: BM011461.D
Acq: 07 Sep 2017 19:04

Instrument :
BNA_M
ClientSampleId :
OK-02-090517

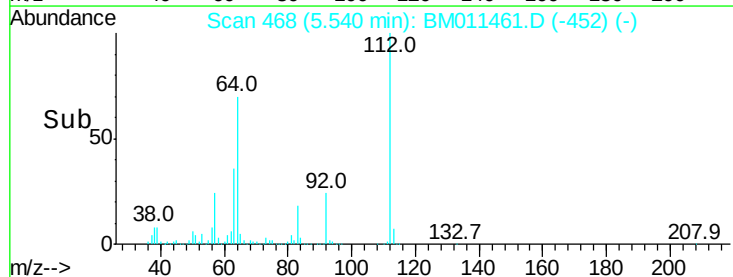
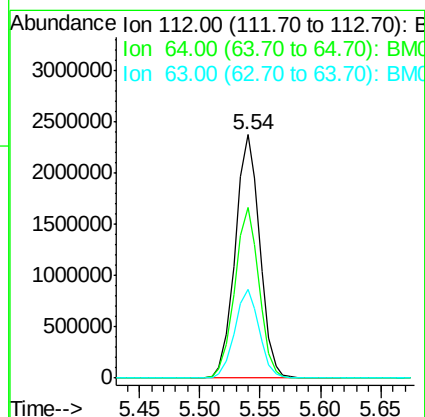
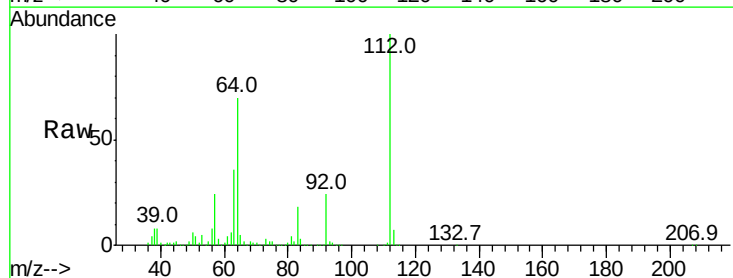
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.1	119.5	179.3
115	56.1	43.0	64.4

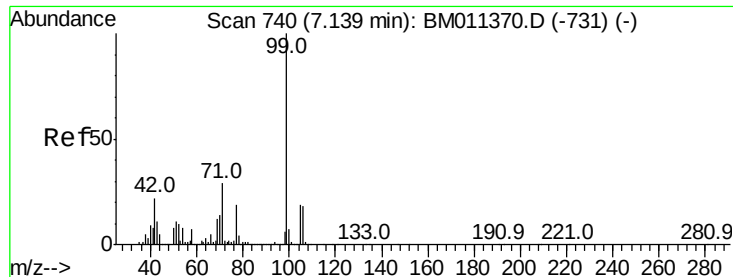


#5

2-Fluorophenol
Concen: 158.244 ng
RT: 5.54 min Scan# 468
Delta R.T. -0.01 min
Lab File: BM011461.D
Acq: 07 Sep 2017 19:04

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.9	38.6	57.8#
63	36.3	19.3	28.9#





#7

Phenol-d6

Concen: 135.763 ng

RT: 7.13 min Scan# 739

Delta R.T. -0.01 min

Lab File: BM011461.D

Acq: 07 Sep 2017 19:04

Instrument :

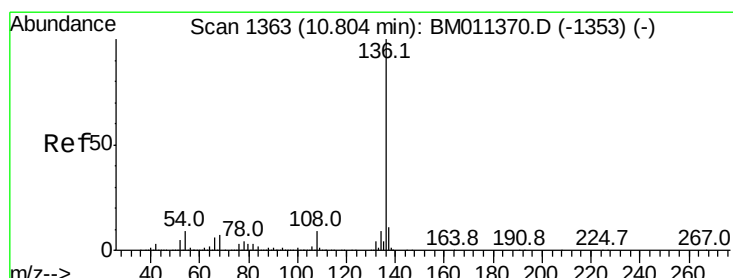
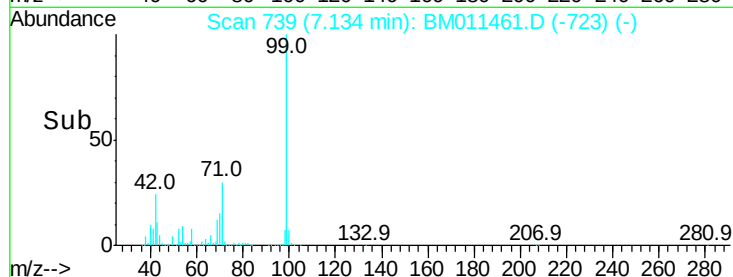
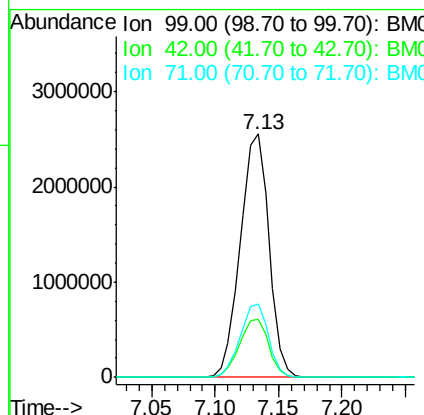
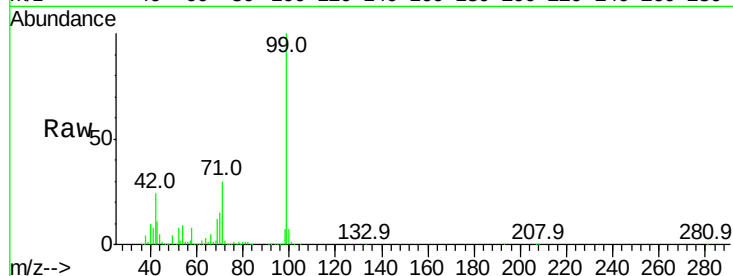
BNA_M

ClientSampleId :

OK-02-090517

Tot Ion: 99 Resp: 4013416

Ion	Ratio	Lower	Upper
99	100		
42	24.1	11.0	16.4#
71	30.1	23.4	35.2



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.79 min Scan# 1360

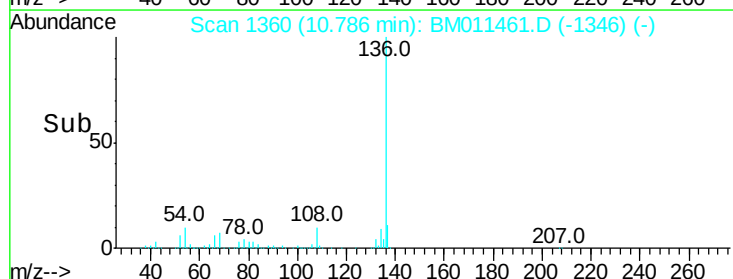
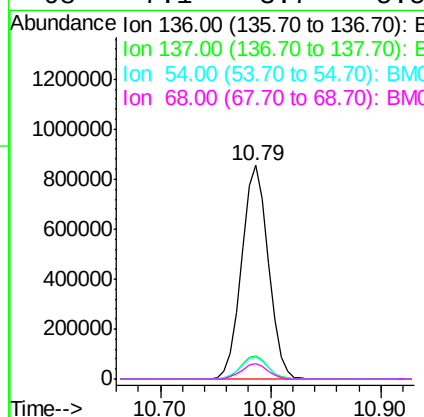
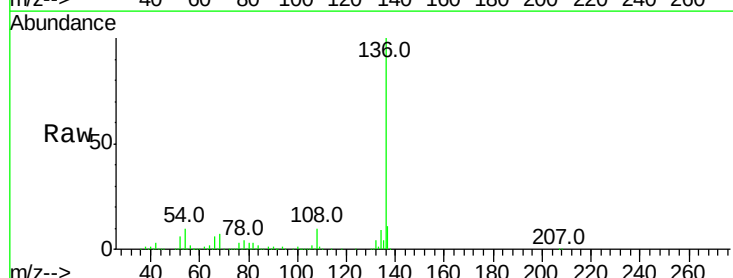
Delta R.T. -0.02 min

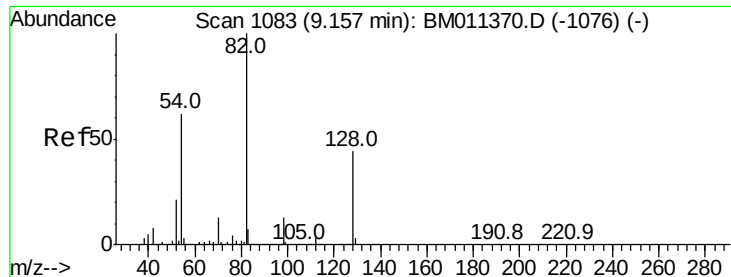
Lab File: BM011461.D

Acq: 07 Sep 2017 19:04

Tgt Ion: 136 Resp: 1450935

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	10.3	4.6	6.8#
68	7.1	3.7	5.5#

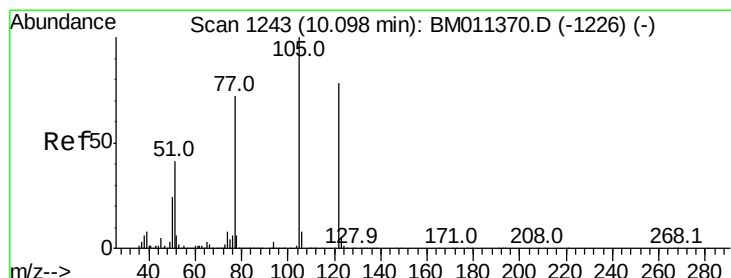
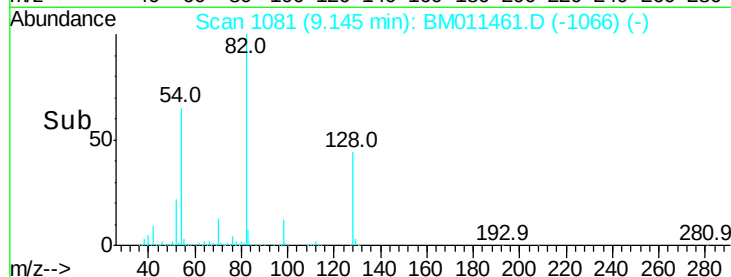
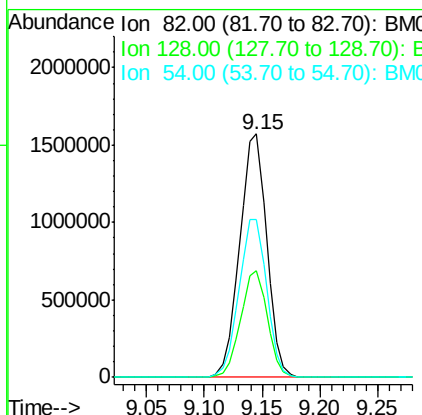
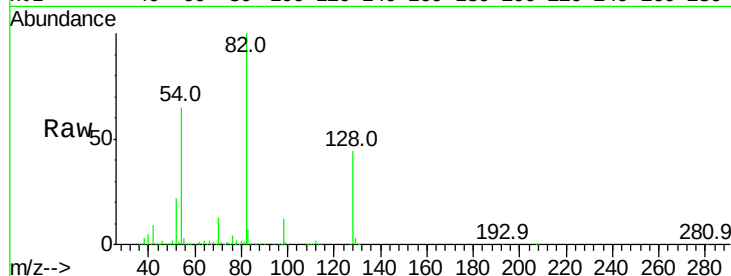




#23
 Nitrobenzene-d5
 Concen: 116.554 ng
 RT: 9.15 min Scan# 1081
 Delta R.T. -0.01 min
 Lab File: BM011461.D
 Acq: 07 Sep 2017 19:04

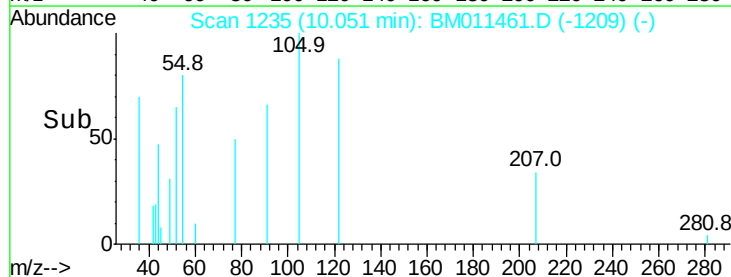
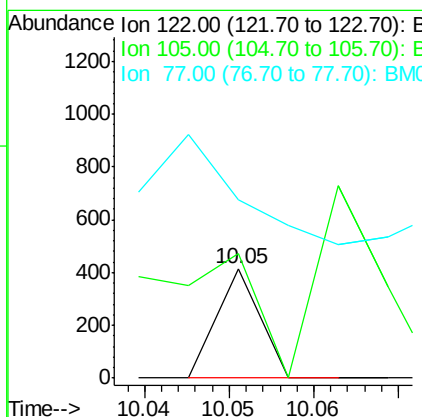
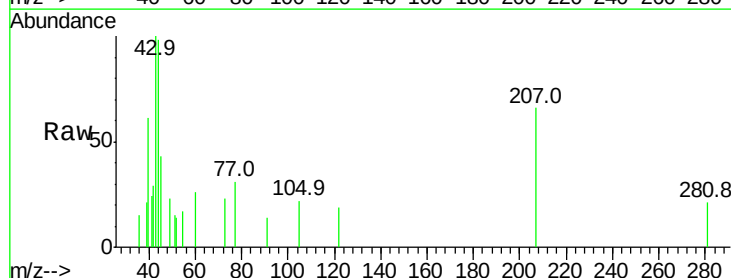
Instrument :
 BNA_M
 ClientSampleId :
 OK-02-090517

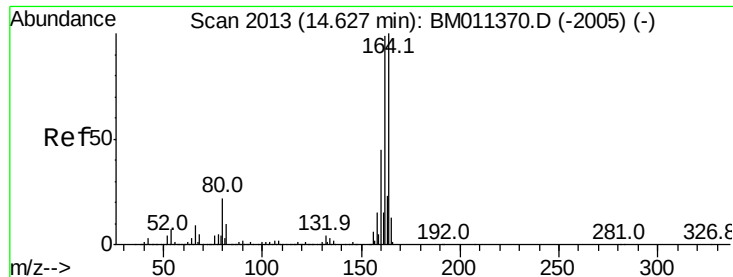
Tot Ion: 82 Resp: 2566255
 Ion Ratio Lower Upper
 82 100
 128 43.9 32.8 49.2
 54 65.1 40.6 60.8#



#32
 Benzoic acid
 Concen: 6.548 ng
 RT: 10.05 min Scan# 1235
 Delta R.T. -0.05 min
 Lab File: BM011461.D
 Acq: 07 Sep 2017 19:04

Tgt Ion: 122 Resp: 146
 Ion Ratio Lower Upper
 122 100
 105 113.7 99.9 139.9
 77 162.7 73.7 113.7#





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.61 min Scan# 2010

Delta R.T. -0.02 min

Lab File: BM011461.D

Acq: 07 Sep 2017 19:04

Instrument :

BNA_M

ClientSampleId :

OK-02-090517

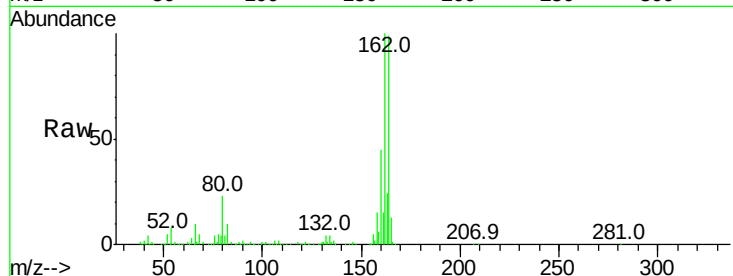
Tot Ion:164 Resp: 752843

Ion	Ratio	Lower	Upper
164	100		
162	101.0	82.4	123.6
160	45.1	35.8	53.6

164 100

162 101.0 82.4 123.6

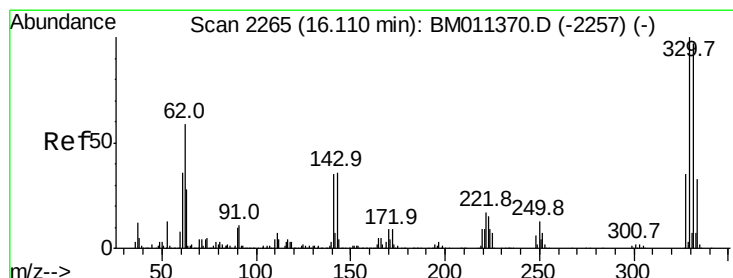
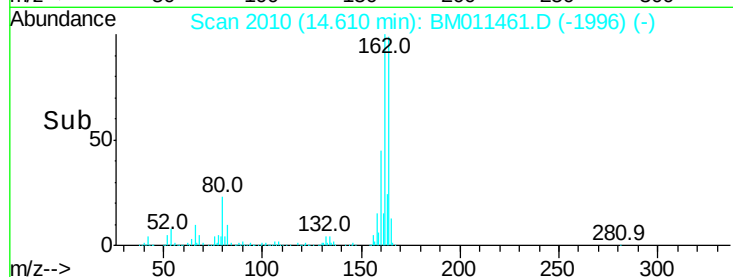
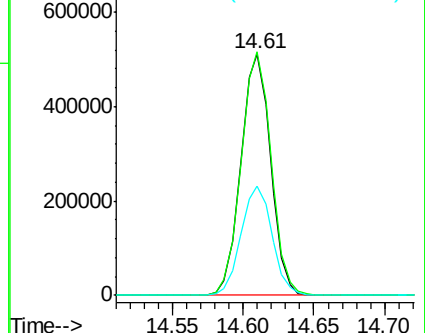
160 45.1 35.8 53.6



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 151.264 ng

RT: 16.09 min Scan# 2262

Delta R.T. -0.02 min

Lab File: BM011461.D

Acq: 07 Sep 2017 19:04

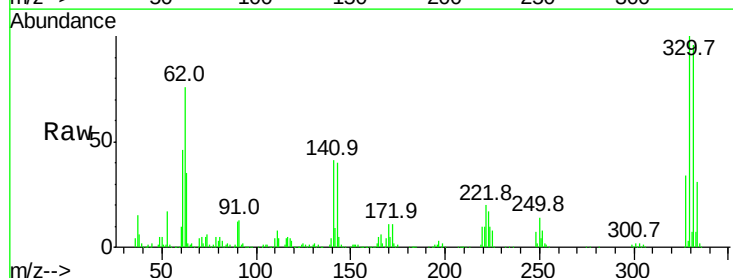
Tgt Ion:330 Resp: 1317520

Ion	Ratio	Lower	Upper
330	100		
332	96.5	0.0	0.0#
141	42.1	0.0	0.0#

330 100

332 96.5 0.0 0.0#

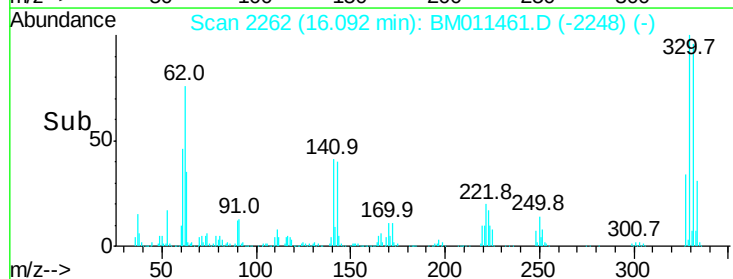
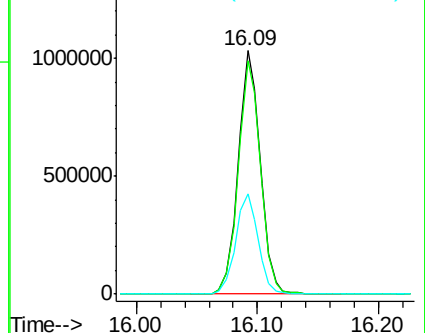
141 42.1 0.0 0.0#

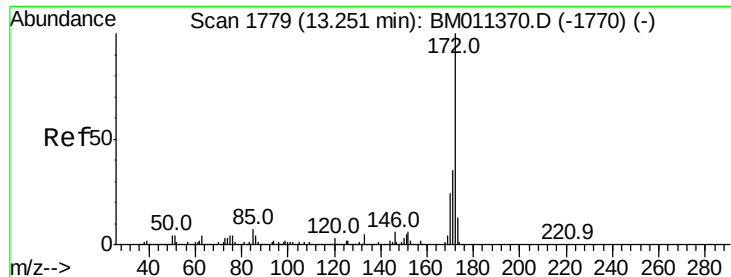


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



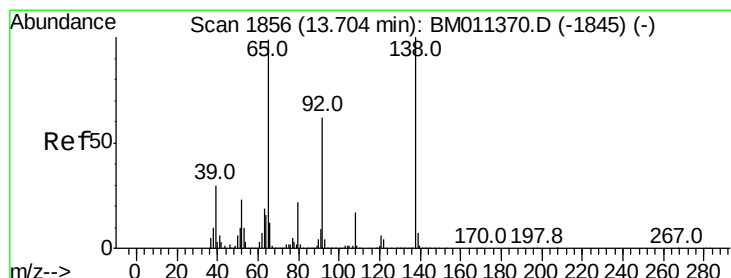
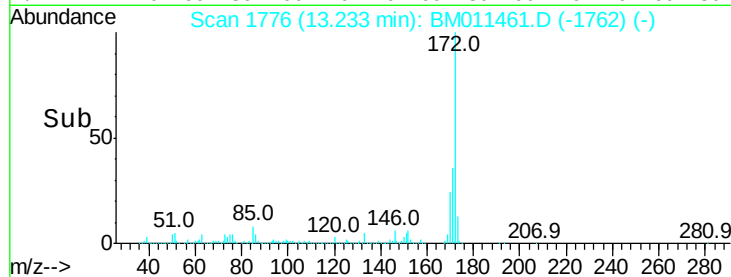
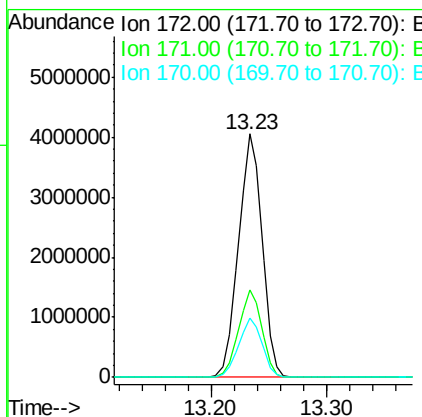
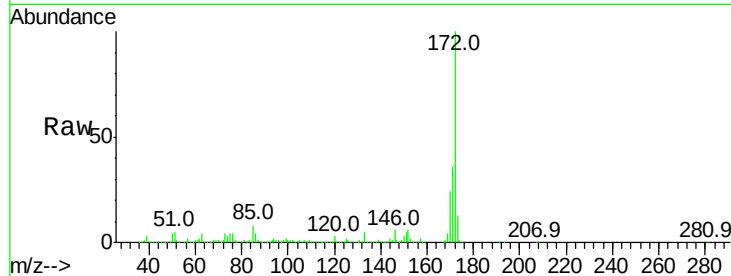


#44
2-Fluorobiphenyl
Concen: 109.933 ng
RT: 13.23 min Scan# 1776
Delta R.T. -0.02 min
Lab File: BM011461.D
Acq: 07 Sep 2017 19:04

Instrument :
BNA_M
ClientSampleId :
OK-02-090517

Tot Ion:172 Resp: 5741492

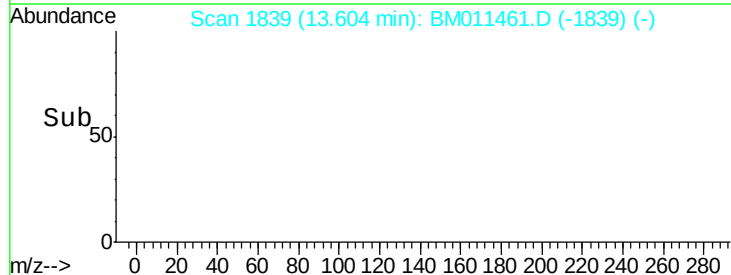
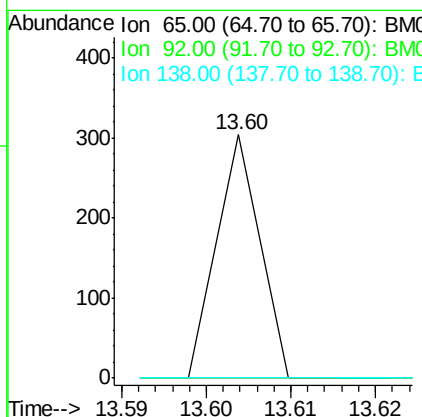
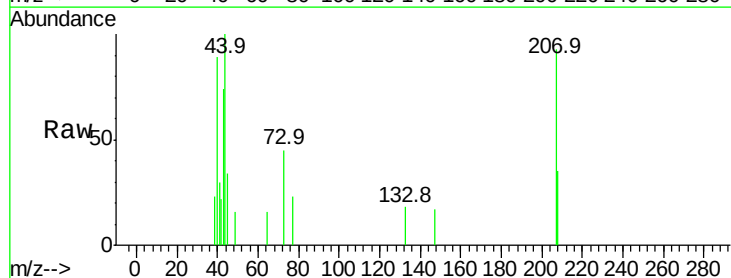
Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.5	42.7
170	24.1	18.8	28.2

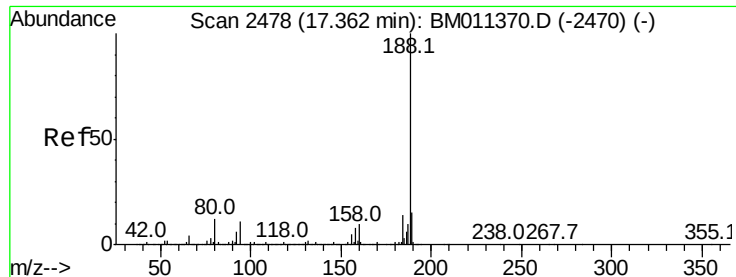


#47
2-Nitroaniline
Concen: 5.443 ng
RT: 13.60 min Scan# 1839
Delta R.T. -0.10 min
Lab File: BM011461.D
Acq: 07 Sep 2017 19:04

Tgt Ion: 65 Resp: 107

Ion	Ratio	Lower	Upper
65	100		
92	0.0	59.1	88.7#
138	0.0	93.9	140.9#



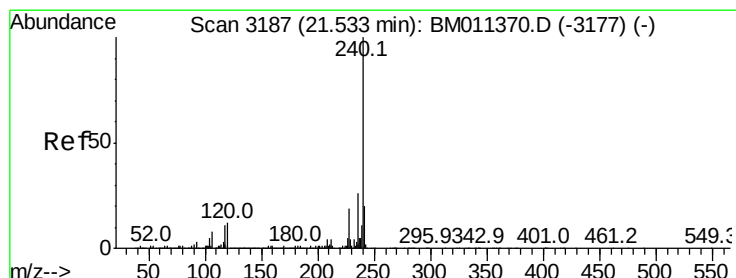
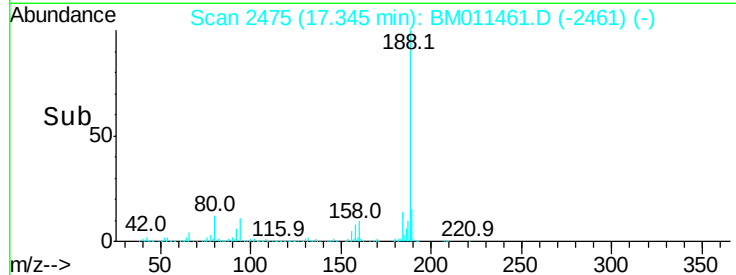
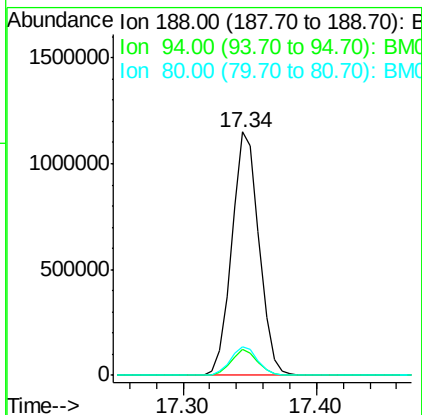
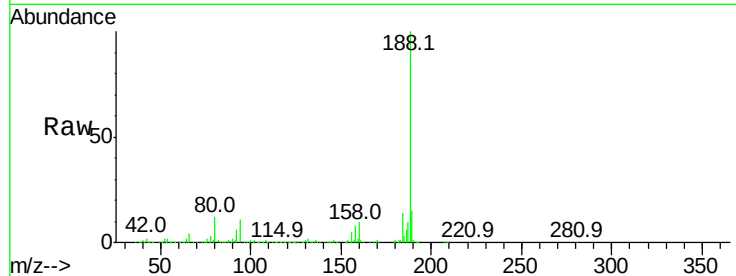


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.34 min Scan# 2475
Delta R.T. -0.02 min
Lab File: BM011461.D
Acq: 07 Sep 2017 19:04

Instrument :
BNA_M
ClientSampleId :
OK-02-090517

Tot Ion:188 Resp: 1632122

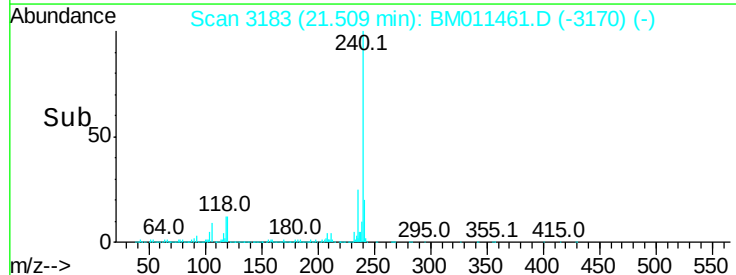
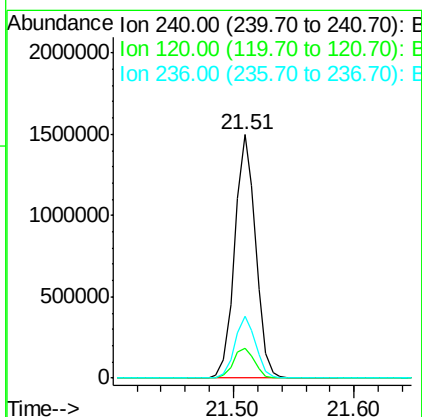
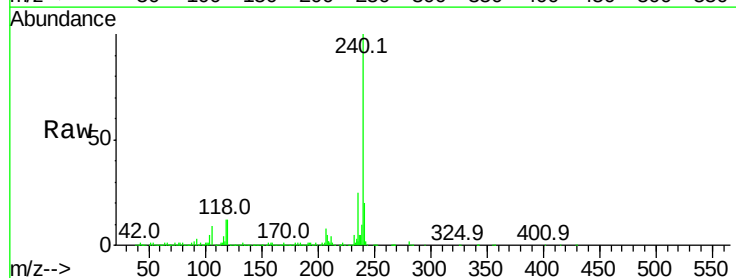
Ion	Ratio	Lower	Upper
188	100		
94	10.9	8.7	13.1
80	11.6	9.3	13.9

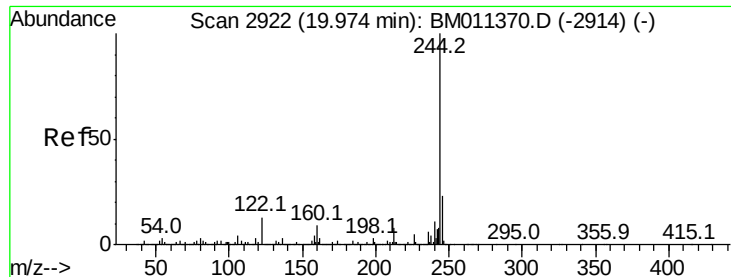


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.51 min Scan# 3183
Delta R.T. -0.02 min
Lab File: BM011461.D
Acq: 07 Sep 2017 19:04

Tgt Ion:240 Resp: 1809875

Ion	Ratio	Lower	Upper
240	100		
120	12.3	8.2	12.2#
236	25.2	20.0	30.0





#78

Terphenyl-d14

Concen: 111.347 ng

RT: 19.96 min Scan# 2919

Delta R.T. -0.02 min

Lab File: BM011461.D

Acq: 07 Sep 2017 19:04

Instrument :

BNA_M

ClientSampleId :

OK-02-090517

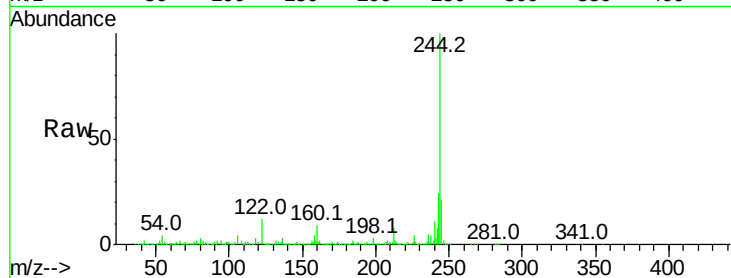
Tot Ion:244 Resp: 8121997

Ion	Ratio	Lower	Upper
244	100		
212	7.7	4.9	7.3#
122	12.2	6.2	9.4#

244 100

212 7.7 4.9 7.3#

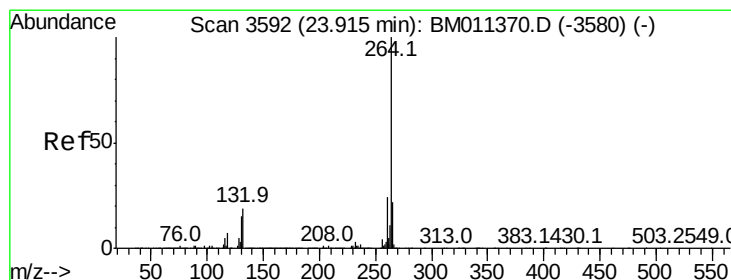
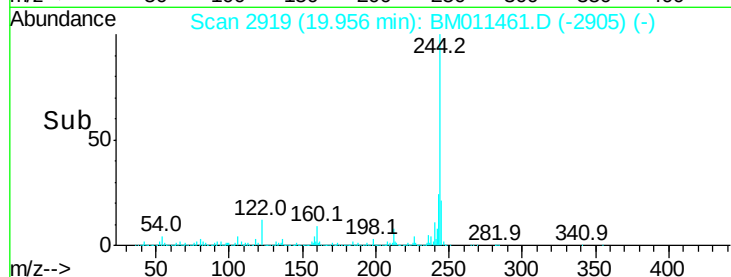
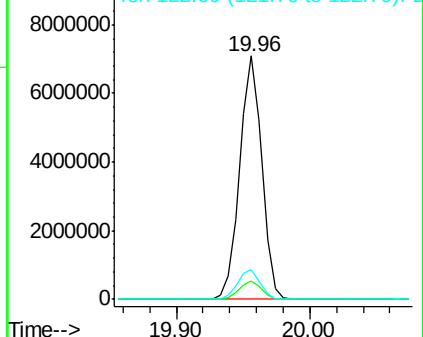
122 12.2 6.2 9.4#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.89 min Scan# 3587

Delta R.T. -0.03 min

Lab File: BM011461.D

Acq: 07 Sep 2017 19:04

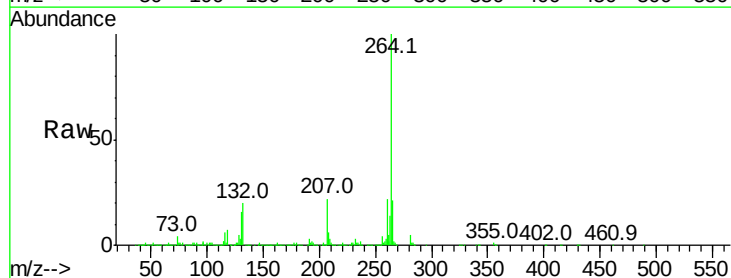
Tgt Ion:264 Resp: 1609372

Ion	Ratio	Lower	Upper
264	100		
260	22.4	18.6	27.8
265	21.4	17.3	25.9

264 100

260 22.4 18.6 27.8

265 21.4 17.3 25.9



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

